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GROUP 1600 Atty Docket No. 014643-009031US

PTO FAX NO.: 703-872-9306

ATTENTION: Examiner Not yet assigned  
TELEPHONE NO.: 703-872-9305

Group Art Unit 1632

#19a

## OFFICIAL COMMUNICATION

## FOR THE PERSONAL ATTENTION OF

EXAMINER Not yet assigned

## CERTIFICATION OF FACSIMILE TRANSMISSION

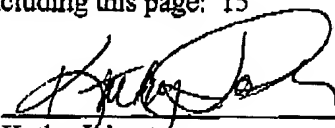
I hereby certify that the following document(s) in re Application of Nils Lonberg, Application No. 09/724,965, filed November 28, 2000 for TRANSGENIC NON-HUMAN ANIMALS FOR PRODUCING HETEROLOGOUS ANTIBODIES is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Document(s) Attached

1. Fee Transmittal
2. Preliminary Amendment

Number of pages being transmitted, including this page: 15

Dated: December 13, 2001

  
Kathy Johnston

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PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Nils Lonberg et al.

Application No.: 09/724,965

Filed: November 28, 2000

For: TRANSGENIC NON-HUMAN  
ANIMALS FOR PRODUCING  
HETEROLOGOUS ANTIBODIES

Examiner: Not yet assigned

Art Unit: 1632

PRELIMINARY AMENDMENTAssistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks.

**IN THE CLAIMS:**

Please cancel claims 1-16 without prejudice or disclaimer. For ease of reference, claims pending with entry of this amendment are shown in the attached Appendix.

Please add the following new claims:

- 1 17. An immunoglobulin (Ig) light chain transgene construct  
2 comprising DNA sequences that encode human variable (V), joining (J) and constant  
3 regions of a human Ig protein, which sequences are operably linked to transcription  
4 regulatory sequences and capable of undergoing gene rearrangement in vivo, when  
5 integrated in a non-human transgenic animal, to produce a rearranged gene encoding a  
6 human light chain polypeptide, the construct further comprising at least one human V